



Harmony XALE plastic control stations

For Harmony XB7,
control and signaling units Ø 22

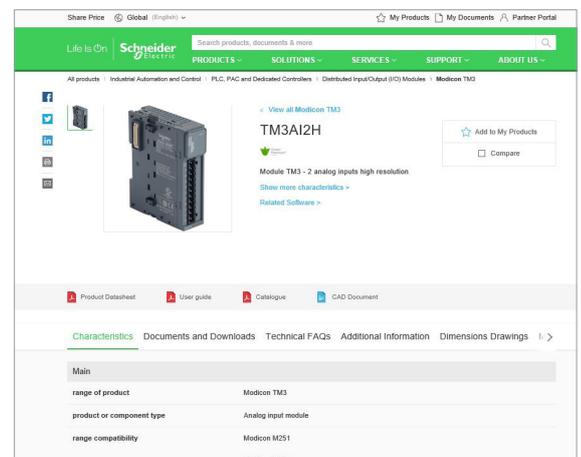
Quick access to product information

Get technical information about your product

References

Modicon TM3
I/O expansion modules for Modicon controllers
Analog I/O modules

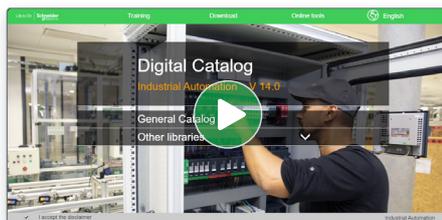
| References | Number and type of channels | Input range | Output range | Resolution | Input terminal block (pin) | Reference | Weight (kg) |
|------------|---|---------------------------------------|---------------------------------|---------------------------|----------------------------|-----------|-------------|
| TM3AI2H | 2 analog inputs | -10...+10 VDC | -12.000 or 0...20 mA, 4...20 mA | 10 bits or 10 bits + sign | 50 pins | TM3AI2H0 | 0.150 |
| | | -10...+10 VDC 0...20 mA, 4...20 mA | -12.000 or 0...20 mA, 4...20 mA | 10 bits or 10 bits + sign | 50 pins | TM3AI2H1 | 0.150 |
| TM3AI2H | 4 analog inputs | -10...+10 VDC | -12.000 or 0...20 mA, 4...20 mA | 10 bits or 10 bits + sign | 50 pins | TM3AI2H0 | 0.150 |
| | | -10...+10 VDC 0...20 mA, 4...20 mA | -12.000 or 0...20 mA, 4...20 mA | 10 bits or 10 bits + sign | 50 pins | TM3AI2H1 | 0.150 |
| TM3AI2H | 4 differential temperature inputs (I, I, I, I, S, T, A, E, C) | -10...+10 VDC | -12.000 or 0...20 mA, 4...20 mA | 10 bits or 10 bits + sign | 50 pins | TM3AI2H0 | 0.150 |
| | | -10...+10 VDC 0...20 mA, 4...20 mA | -12.000 or 0...20 mA, 4...20 mA | 10 bits or 10 bits + sign | 50 pins | TM3AI2H1 | 0.150 |
| TM3AI2H | 4 differential temperature inputs (I, I, I, I, S, T, A, E, C) | -10...+10 VDC | -12.000 or 0...20 mA, 4...20 mA | 10 bits or 10 bits + sign | 50 pins | TM3AI2H0 | 0.150 |
| | | -10...+10 VDC 0...20 mA, 4...20 mA | -12.000 or 0...20 mA, 4...20 mA | 10 bits or 10 bits + sign | 50 pins | TM3AI2H1 | 0.150 |



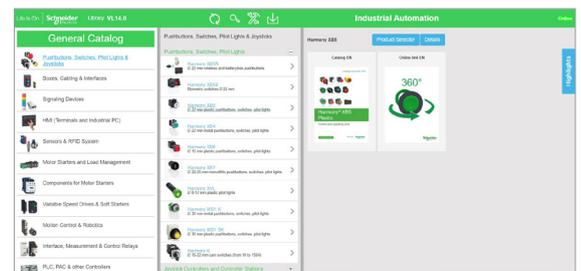
Each commercial reference presented in a catalog contains a hyperlink. Click on it to obtain the technical information of the product:

- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

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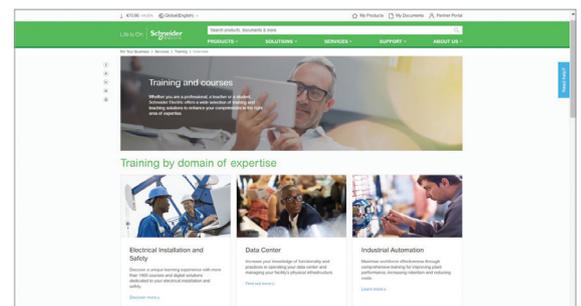


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General contents

Harmony® XALE plastic control stations and enclosures

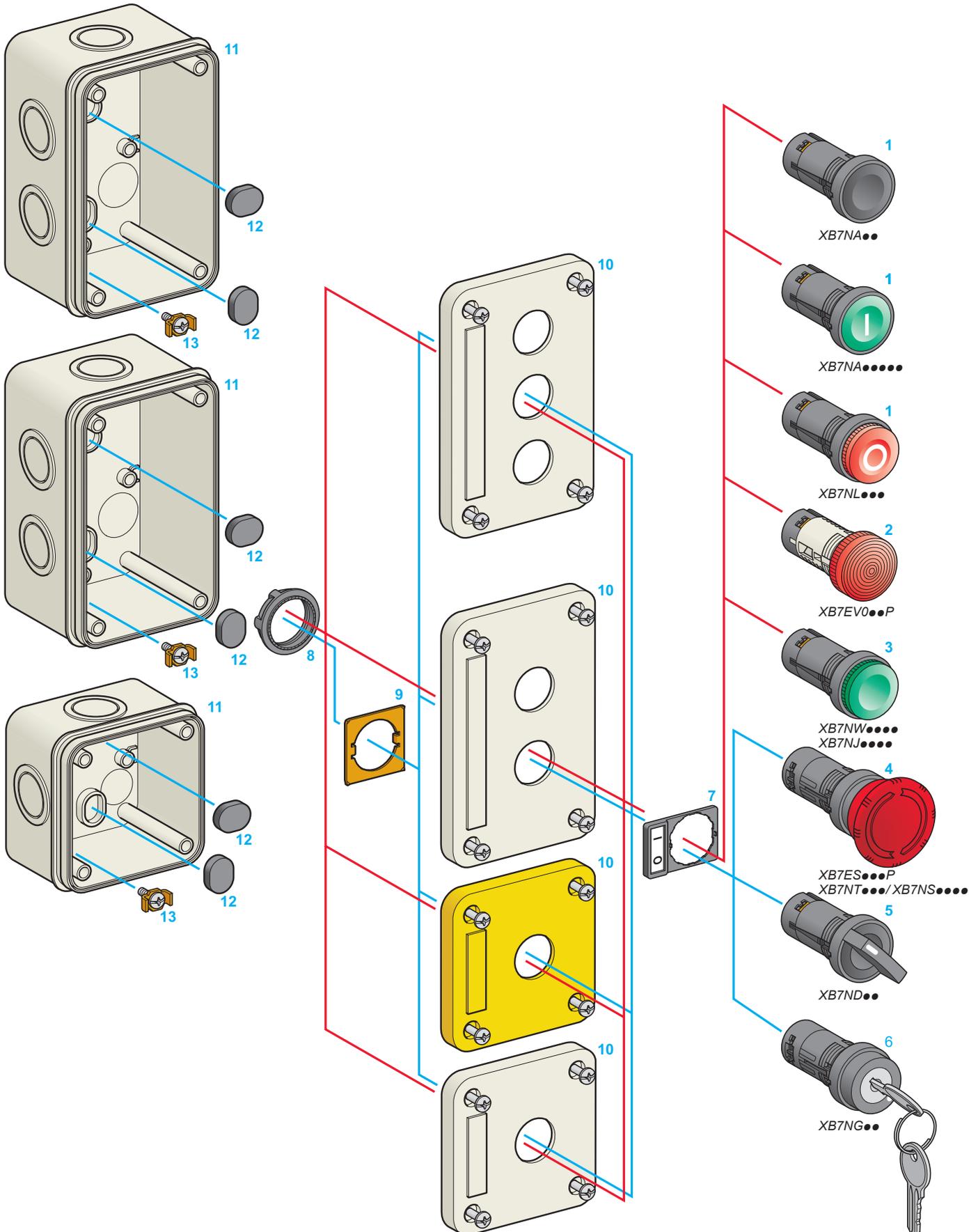
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| Type of applications | All applications | | | | | | | Specific applications | | |
|---|---|---|--|--|--|---|---|---|-------------------------------|------------|
| Enclosures | Plastic | Glass-reinforced polyester | Metal | Metal front plate, insulated protective rear cover | Plastic | Metal | | | | |
| | Complete stations and separate components for customer assembly | Empty insulated enclosures | Empty enclosures | Empty, flush mounting enclosures: front plate + rear cover | Control stations for severe environments | Lift inspection stations | Key operated control stations | | | |
| | | | | | | | | | | |
| Main feature | Pre-drilled control stations | | Pre-drilled or undrilled enclosures | Pre-drilled enclosures | Pre-drilled or undrilled enclosures | Pre-drilled front plates & rear covers | Pre-drilled empty control stations | Pre-drilled empty enclosures or fitted stations | Fitted stations | |
| Associated control and signaling units | Harmony XB5 with plastic bezel | | Harmony XB7, monolithic, plastic | Harmony XB4 with metal bezel Harmony XB5 with plastic bezel | Harmony XB4 with metal bezel Harmony XB5 with plastic bezel | | Harmony XB5 with plastic bezel | Harmony XB5 or XB7 with plastic bezel | With key lock | |
| Number of cut-outs for Ø 22 control and signaling units | 1, 2, 3, 4 or 5 | 1, 2 or 3 (complete stations) 1, 2, 3, 4 or 5 (empty enclosures) | 1, 2 or 3 | 1, 2, 4, 8 or 16 | 8, 16, 24, 30 or 40 | 1, 2, 3, 4, 5, 6, 8 or 10 | 1, 2, 3, 4 or 5 | 1, 2, 3, 4, 5 or 6 with or without power socket | – | |
| Material | Polycarbonate | | ABS | Glass-reinforced polyester | Aluminium alloy or sheet steel | Zinc or aluminium alloy | Front plate: brushed aluminium Rear cover: polystyrene | Mineral reinforced polyamide | Polycarbonate | Zinc alloy |
| Color | Yellow lid Light gray base | Dark gray lid Light gray base | Light gray or yellow lid Light gray base | Coloured gray throughout | Blue lid and base | XAPD, XAPG: Grey lid & base XAPK: Yellow lid & base XAPO: Orange lid & base | Unpainted aluminium | Black lid Black base | Yellow lid Light gray base | Gray |
| Degree of protection | IP66, IP67, IP69, IP69K | | IP54 | IP65, IP69, IP69K | IP54 | IP65, IP66, IP69 | IP66, IP67, IP69, IP69K | IP44 (with power socket) IP55 or IP66 depending on model | IP54 | |
| Function | Emergency Stop or Emergency switching off | Start or Stop Start-Stop with pilot light Motion control | According to equipment fitted: <input type="checkbox"/> Start or Stop <input type="checkbox"/> Start-Stop with pilot light <input type="checkbox"/> Motion control <input type="checkbox"/> Emergency stop | According to equipment fitted: <input type="checkbox"/> Start or Stop <input type="checkbox"/> Start-Stop with pilot light <input type="checkbox"/> Motion control <input type="checkbox"/> Emergency stop | | | | | Start-Stop | |
| Cable entries | Knock-outs (CM12) | Knock-outs (ISO 20) | Undrilled | <input type="checkbox"/> Tapped entries for cable-glands <input type="checkbox"/> or undrilled | Tapped entries for cable-glands | Knock-outs (with protective rear cover) | Two ISO 20 open entries | <input type="checkbox"/> Knock-outs (CM12) <input type="checkbox"/> or undrilled | Tapped for cable-glands | |
| Type references | XALK | XALD | XALE | XAPA | XB2SL | XAPD, XAPK, XAPG, XAPO | XAPE | XALG | XALF | XAPS |

Control stations and enclosures

Plastic control stations XALE

For Harmony XB7 control and signaling units Ø 22



Presentation

Control stations XALE are designed for various applications and predetermined requirements.

- In buildings, they control garage doors, rolling shutters or smoke extraction vents.
- In the tertiary sector, they are fitted to simple machines and small lifting systems.
- In the industrial sector, they are fitted to small machines with 2 or 3 actuators or mass production machines (packaging, materials handling, machine tools, etc.).

Control stations XALE are available as complete products or as empty enclosures.

Complete stations

- The complete XALE control stations are supplied fitted with one, two or three Ø 22 mm/Ø 0.87 in. control and signaling units from the Harmony XB7 range (1).
- The fitted control stations are ready to use. Electrical connections to the mounted units are made by the user.
- Complete XALE control stations meet simple control and/or signaling requirements by factory pre-fitting of:
 - 1 Pushbuttons, with or without marking,
 - 2 Pilot lights with integral LED,
 - 3 Illuminated pushbuttons with integral LED,
 - 4 Emergency stop and Emergency switching off mushroom head pushbuttons,
 - 5 Selector switches with standard handle,
 - 6 Key switches,
 - 7 Legend holder with legend,
 - 8 Fixing nut,
 - 9 Anti-rotation plates for selector switches, key switches, Emergency stops and buttons with rotatable marking.

The mounted units are interchangeable: the equipment fitted as standard can be modified in order to meet customised applications.

Empty control stations

- The XALE enclosures supplied empty comprise:
 - A light grey "RAL 7035" base 11 (material: ABS),
 - A light grey "RAL 7035" or yellow "RAL 7021" lid 10 (material: ABS) with 4 captive fixing screws,
 - Two fixing screw caps (must be fitted to ensure double isolation and sealing) 12
- The empty enclosures are available with one, two or three cut-outs of equal diameter
- Depending on the needs of the customer, all the catalogue listed Harmony Ø 22 control and signaling units XB7 (1...6) can be fitted on these empty enclosures for customisation of the product (1)
- The units are fitted on the lid of the stations. Selector switches, key switches, Emergency stops and buttons with rotatable markings are held in position by an anti-rotation plate 9 (1)
- Legends and legend holder type ZBY 7 listed in the catalogue complete this customised equipment.

Environment

- Degree of protection (conforming to standard EN/IEC 60529): IP 54
- Ambient air temperature for operation: - 25 to + 55° C/- 13 to + 131° F
- Conformity to standards:
 - EN/IEC 60947-1, EN/IEC 60947-5-1, EN/IEC 60947-5-5 and EN/IEC 62208,
 - EN/IEC 60947-5-5 and IEC 60364-5-53 (mechanically latching Emergency switching off pushbuttons, see page 6).
 - EN/IEC 60204-1, EN/ISO 13850, EN/IEC 60947-5-5 and machinery directive 98/37/CE (trigger action and mechanical latching Emergency Stop pushbuttons).
- Products certifications: CE.

Mounting and fixing

- Control stations XALE easily mount on a support using two fixing screws. Two fixing screw caps 12 and a rubber seal (2) ensure the sealing and electrical insulation of the installation (IP 54 degree of protection).
- Control stations XALE incorporate 4 or 6 ISO 20 knock-outs (depending on the model) to enable cable entry irrespective of the fixing position of the station: horizontal or vertical.
- A commoning/earth terminal 13 can be mounted in the base of the station if required. To be used in relation to the type of installation (to be ordered separately).

(1) Included with Harmony Ø 22 control and signaling units XB7.

(2) Included with complete stations and empty enclosures.

Control stations and enclosures

Plastic control stations XALE

For Harmony XB7 control and signaling units Ø 22

Complete stations



XALE1011



XALE1W1●



XALE1333



XALE1441



XALEK178F

Complete stations

With 1 x Ø 22 mm/0.87 in. control and signaling unit (grey control station base and lid)

| Equipment (1) and dimensions (w x h x d) | Color of push | Type of contact | | Marking Text (color) | Reference | Weight kg/lb |
|--|---------------|-----------------|-----|----------------------|-----------------|--------------|
| | | N/O | N/C | | | |
| 1 spring return pushbutton, flush type, 73 x 73 x 61 mm/ 2.87 x 2.87 x 2.40 in. | Green | 1 | – | – | XALE1011 | 0.100/0.220 |
| | | 1 | – | I (white) | XALE1021 | 0.100/0.220 |
| | Red | – | 1 | STOP (white) | XALE1142 | 0.100/0.220 |

| Equipment (1) and dimensions (w x h x d) | Color of lens | Type of contact | | Supply voltage | Reference | Weight kg/lb |
|---|---------------|-----------------|-----|----------------|-----------------|--------------|
| | | N/O | N/C | | | |
| 1 projecting illuminated spring return pushbutton with integral LED 73 x 73 x 63 mm/ 2.87 x 2.87 x 2.48 in. | Green | 1 | – | ≈ 24 V | XALE1W1B | 0.100/0.220 |
| | | 1 | – | ~ 230/240 V | XALE1W1M | 0.100/0.220 |

Integral LED

| Equipment (1) and dimensions (w x h x d) | Number and type of positions | Type of contact | | Marking Text (color) | Reference | Weight kg/lb |
|--|------------------------------|-----------------|-----|-----------------------|-----------------|--------------|
| | | N/O | N/C | | | |
| 1 selector switch with standard handle 73 x 73 x 76.5 mm/ 2.87 x 2.87 x 3.01 in. | 2 position, stay put ∨ | 1 | – | O I (white) | XALE1341 | 0.105/0.231 |
| | 2 position, stay put ∨ | 1 | 1 | O I (white) | XALE1345 | 0.105/0.231 |
| | 3 position, stay put ∨ | 2 | – | I O II (white) | XALE1333 | 0.105/0.231 |
| 1 key switch (key n° 455) 73 x 73 x 92 mm/ 2.87 x 2.87 x 3.62 in. | 2 position, stay put (2) | 1 | – | O I (white) | XALE1441 | 0.115/0.254 |

Emergency stop (grey control station base and yellow lid) (3)

| Equipment (1) and dimensions (w x h x d) | Color of push | Type of reset | Type of contact | | Reference | Weight kg/lb |
|---|---------------|-----------------|-----------------|-----|------------------|--------------|
| | | | N/O | N/C | | |
| 1 Emergency stop pushbutton, trigger action 73 x 73 x 94 mm/ 2.87 x 2.87 x 3.70 in. | Red | Turn to release | – | 2 | XALEK178F | 0.119/0.262 |

(1) Please see our website www.se.com for more precised information about dimensions of components.

(2) The symbol "∩" indicates key withdrawal position.

(3) Emergency stop trigger action and mechanically latching mushroom head pushbuttons conform to standards EN/IEC 60204-1, EN/ISO 13850, EN/IEC 60947-5-5, Machinery directive 2006/42/EC and UL.

PF523053



XALE2221

Complete stations (continued)

With 2 x Ø 22 mm/0.87 in. control and signaling units (grey control station base and lid)

| Equipment (1) and dimensions (w x h x d) | Type of push | Type of contact | | Marking Text (color) | Reference | Weight kg/lb |
|--|----------------|-----------------|-----|-------------------------|-----------|-----------------|
| | | N/O | N/C | | | |
| 2 spring return pushbuttons 73 x 115 x 69 mm/ 2.87 x 4.53 x 2.72 in. | 1 flush, white | 1 | 1 | ↔ (black) | XALE2235 | 0.145/0.320 |
| | 1 flush, black | 1 | 1 | ↔ (white) | | |
| | 1 flush, white | 1 | – | ↑ (black) | XALE2221 | 0.145/0.320 |
| | 1 flush, black | 1 | – | ↓ (white) | | |

(1) Please see our website www.se.com for more precised information about dimensions of components.

Control stations and enclosures

Plastic control stations XALE

For Harmony XB7 control and signaling units Ø 22

Complete stations



XALE33V1M



XALE325



XALE3441

| Complete stations (continued) | | | | | | |
|--|---|-----------------|-----|----------------------|-----------|--------------|
| With 3 x Ø 22 mm/0.87 in. control and signaling units (grey control station base and lid) | | | | | | |
| Equipment (1) and dimensions (w x h x d) | Type of push or color of lens | Type of contact | | Marking Text (color) | Reference | Weight kg/lb |
| | | N/O | N/C | | | |
| 2 spring return pushbuttons + 1 pilot light with integral LED (~ 230/240 V), green 73 x 115 x 71 mm/ 2.87 x 4.53 x 2.80 in. | 1 flush, green | 1 | – | I (white) | XALE33V1M | 0.170/0.375 |
| | 1 flush, red | – | 1 | O (white) | | |
| | – | – | – | – | | |
| 3 spring return pushbuttons 73 x 115 x 71 mm/ 2.87 x 4.53 x 2.80 in. | 1 flush, white | 1 | – | ⇐ (black) | XALE3251 | 0.170/0.375 |
| | 1 projecting, red | – | 1 | O (white) | | |
| | 1 flush, black | 1 | – | → (white) | | |
| 1 key switch (key n° 455) (2) | 1 flush, white | 1 | 1 | ⇐ (black) | XALE3255 | 0.170/0.375 |
| | 1 projecting, red | 1 | 1 | O (white) | | |
| | 1 flush, black | 1 | 1 | → (white) | | |
| + 2 spring return pushbuttons 73 x 115 x 84.5 mm/ 2.87 x 4.53 x 3.33 in. | 1 black operator (2 position, stay put) | 1 | – | O I (white) | XALE3441 | 0.180/0.397 |
| | 1 flush, white | 1 | – | ↑ (black) | | |
| | 1 flush, black | 1 | – | ↓ (white) | | |

(1) Please see our website www.se.com for more precised information about dimensions of components.
 (2) The symbol "⌘" indicates key withdrawal position.

Control stations and enclosures

Plastic control stations XALE

For Harmony XB7 control and signaling units Ø 22

Empty control stations



XALE2



XALE3



XALEK1

Empty control stations

For Ø 22 mm/0.87 in. control and signaling units

| Description | Number of cut-outs | Dimensions (1) w x h x d mm/in. | Sold in lots of | Unit reference | Weight kg/lb |
|------------------------------------|--------------------|---------------------------------------|-----------------|-----------------------|-----------------|
| Light grey "RAL 7035" lid and base | 1 | 73 x 73 x 52/ 2.87 x 2.87 x 2.05 | 5 | XALE1 | 0.080/0.176 |

| | | | | | |
|--|---|--------------------------------------|---|-----------------------|-------------|
| | 2 | 73 x 115 x 60/ 2.87 x 4.53 x 2.36 | 5 | XALE2 | 0.100/0.220 |
|--|---|--------------------------------------|---|-----------------------|-------------|

| | | | | | |
|--|---|--------------------------------------|---|-----------------------|-------------|
| | 3 | 73 x 115 x 60/ 2.87 x 4.53 x 2.36 | 5 | XALE3 | 0.100/0.220 |
|--|---|--------------------------------------|---|-----------------------|-------------|

For Emergency stop mushroom head pushbutton only (2)

| | | | | | |
|---|---|-------------------------------------|---|------------------------|-------------|
| Yellow "RAL 1021" lid, light grey "RAL 7035" base | 1 | 73 x 73 x 52/ 2.87 x 2.87 x 2.05 | 5 | XALEK1 | 0.080/0.176 |
|---|---|-------------------------------------|---|------------------------|-------------|

Control stations and enclosures

Plastic control stations XALE

For Harmony XB7 control and signaling units Ø 22

Pushbuttons, switches and pilot lights

| Pushbuttons | | | | | | | | |
|--|--------------|---|--|---------------|---|----------------|-------------------------|-------------|
| Shape of head | Type of push | Type of contact | | Color of push | Sold in lots of | Unit reference | Weight kg/lb | |
| | | NO | NC | | | | | |
| | |  |  | | | | | |
| Spring return pushbutton without marking | | | | | | | | |
|  | Flush |  | 1 | – | White | 10 | XB7NA11 | 0.021/0.046 |
| | | | 1 | – | Black | 10 | XB7NA21 | 0.021/0.046 |
| | | | 1 | – | Green | 10 | XB7NA31 | 0.021/0.046 |
| | | | 1 | – | Yellow | 10 | XB7NA81 | 0.021/0.046 |
| | | | 1 | 1 | Black | 10 | XB7NA25 | 0.021/0.046 |
| | | | 1 | 1 | Green | 10 | XB7NA35 | 0.021/0.046 |
| | | | 1 | 1 | Red | 10 | XB7NA45 | 0.021/0.046 |
| | | | 1 | 1 | Blue | 10 | XB7NA65 | 0.021/0.046 |
| | | | – | 1 | Red | 10 | XB7NA42 | 0.021/0.046 |
| | | | 2 | – | Black | 10 | XB7NA23 | 0.021/0.046 |
| | | | 2 | – | Green | 10 | XB7NA33 | 0.021/0.046 |
| | | |  | Projecting |  | – | 1 | Red |
| 1 | 1 | Red | | | | 10 | XB7NL45 | 0.021/0.046 |
| Latching pushbutton without marking | | | | | | | | |
|  | Flush |  | 1 | – | Black | 10 | XB7NH21 | 0.021/0.046 |
| | | | 1 | – | Green | 10 | XB7NH31 | 0.021/0.046 |
| | | | 1 | 1 | Black | 10 | XB7NH25 | 0.021/0.046 |
| | | | 1 | 1 | Green | 10 | XB7NH35 | 0.021/0.046 |

Control stations and enclosures

Plastic control stations XALE

For Harmony XB7 control and signaling units Ø 22

Pushbuttons, switches and pilot lights

| Pushbuttons (continued) | | | | | | | | | |
|--|--------------|-----------------|----|---------|-------|---------------|-----------------|----------------------------|--------------|
| Shape of head | Type of push | Type of contact | | Marking | | Color of push | Sold in lots of | Unit reference | Weight kg/lb |
| | | NO | NC | Text | Color | | | | |
| Spring return pushbutton with marking | | | | | | | | | |
|  | Flush | 1 | – | I | White | Green | 10 | XB7NA3131 | 0.021/0.046 |
| | | 1 | – | START | White | Green | 10 | XB7NA3133 | 0.021/0.046 |
| | | 1 | – | ↑ | Black | White | 10 | XB7NA11341 | 0.021/0.046 |
| | | 1 | – | ↓ | White | Black | 10 | XB7NA21343 | 0.021/0.046 |
| | | 1 | – | ⇧ | White | Black | 10 | XB7NA21341 | 0.021/0.046 |
| | | – | 1 | STOP | White | Red | 10 | XB7NA4234 | 0.021/0.046 |
| | | 1 | 1 | STOP | White | Red | 10 | XB7NA4534 | 0.021/0.046 |
| | | 1 | 1 | ↑ | Black | White | 10 | XB7NA15341 | 0.021/0.046 |
|  | Projecting | 1 | 1 | O | White | Red | 10 | XB7NL4532 | 0.021/0.046 |



Control stations and enclosures

Plastic control stations XALE

For Harmony XB7 control and signaling units Ø 22

Pushbuttons, switches and pilot lights

Illuminated pushbuttons, with projecting push

With integral LED

| Shape of head | Type of push and contacts | Type of contact | | Color of lens | Sold in lots of | Unit reference by supply voltage (1) | | Weight kg/lb |
|---|--|---|---|---------------|---------------------------|--------------------------------------|---------------------------|--------------|
| | | NO | NC | | | 24 V ~/⋯ | 230 V ~ | |
| | |  |  | | | | | |
|  | Spring return push with NO and NC contacts (1) | 1 | – | Green | 10 | XB7NW33B1 | XB7NW33M1 | 0.023/0.051 |
| | | 1 | – | Red | 10 | XB7NW34B1 | XB7NW34M1 | 0.023/0.051 |
| | | – | 1 | | 10 | XB7NW34B2 | XB7NW34M2 | 0.023/0.051 |
| | | 1 | – | Orange | 10 | XB7NW35B1 | – | 0.023/0.051 |
| | | 1 | – | Blue | 10 | XB7NW36B1 | – | 0.023/0.051 |
| | | 1 | – | Clear | 10 | XB7NW37B1 | – | 0.023/0.051 |
| | | 1 | – | Yellow | 10 | XB7NW38B1 | – | 0.023/0.051 |
| | Latching push | 1 | – | Green | 10 | XB7NJ03B1 | XB7NJ03M1 | 0.023/0.051 |
| | 1 | – | Red | 10 | XB7NJ04B1 | XB7NJ04M1 | 0.023/0.051 | |

PF100408



XB7NW33B1

With BA 9s base fitting (2)

| Shape of head | Type of push | Type of contact | | Color of lights | Sold in lots of | Unit reference 250 V ~ max. | Weight kg/lb |
|---|---------------|---|---|-----------------|-----------------|-----------------------------|--------------|
| | | NO | NC | | | | |
| | |  |  | | | | |
|  | Spring return | 1 | – | Green | 10 | XB7NW3361 | 0.022/0.048 |
| | Latching | 1 | – | Green | 10 | XB7NJ0361 | 0.022/0.048 |

PF100408



XB7NW3361

(1) All product references ending in "1" are for products with "NO" contacts (example: [XB7NW34B1](#)).All product references ending in "2" are for products with "NC" contacts (example: [XB7NW34B2](#)).(2) Bulb, 1.2 W maximum, to be ordered separately. See [page 15](#).

Pilot lights

With integral LED



XB7EV08BP

| Shape of head | Type of light source (included) | Color of lens | Sold in lots of | 24 V ~/— | 120 V ~ | 230 V ~ | Weight kg/lb |
|---------------|---------------------------------|---------------|-----------------|---------------------------|---------------------------|---------------------------|--------------|
| | Integral LED | Green | 10 | XB7EV03BP | XB7EV03GP | XB7EV03MP | 0.020/0.044 |
| | | Red | 10 | XB7EV04BP | XB7EV04GP | XB7EV04MP | 0.020/0.044 |
| | | Yellow | 10 | XB7EV05BP | XB7EV05GP | XB7EV05MP | 0.020/0.044 |
| | | Blue | 10 | XB7EV06BP | XB7EV06GP | XB7EV06MP | 0.020/0.044 |
| | | Clear | 10 | XB7EV07BP | XB7EV07GP | XB7EV07MP | 0.020/0.044 |
| | | Orange | 10 | XB7EV08BP | XB7EV08GP | XB7EV08MP | 0.020/0.044 |

With BA 9s base fitting



XB7EV75P

| Shape of head | Supply | Color of lens | Sold in lots of | Unit reference | Weight kg/lb |
|---------------|---|---------------|-----------------|--------------------------|--------------|
| | With resistor, with 130 V and 250V, 2.6 W bulb Supply voltage: 230 V ~, 50-60 Hz | Green | 10 | XB7EV73P | 0.020/0.044 |
| | | Red | 10 | XB7EV74P | 0.020/0.044 |
| | | Yellow | 10 | XB7EV75P | 0.020/0.044 |
| | | Blue | 10 | XB7EV76P | 0.020/0.044 |
| | | Clear | 10 | XB7EV77P | 0.020/0.044 |
| | | Orange | 10 | XB7EV78P | 0.020/0.044 |
| | Direct for BA 9s base fitting with out bulb Supply voltage: ≤ 250 V (2) | Green | 10 | XB7EV63P | 0.020/0.044 |
| | | Red | 10 | XB7EV64P | 0.020/0.044 |
| | | Yellow | 10 | XB7EV65P | 0.020/0.044 |
| | | Blue | 10 | XB7EV66P | 0.020/0.044 |
| | | Clear | 10 | XB7EV67P | 0.020/0.044 |
| | | Orange | 10 | XB7EV68P | 0.020/0.044 |

Selector switches and key switches

| Shape of head | Type of operator | Type of contact | | Number and type of positions (3) | Sold in lots of | Unit reference | Weight kg/lb |
|---------------|------------------------|-----------------|----|--------------------------------------|-----------------|-------------------------|--------------|
| | | NO | NC | | | | |
| | Standard handle, black | 1 | — | 2, stay put | 10 | XB7ND21 | 0.026/0.057 |
| | | 1 | 1 | 2, stay put | 10 | XB7ND25 | 0.026/0.057 |
| | | 2 | — | 3, stay put | 10 | XB7ND33 | 0.026/0.057 |
| | Key (key n° 455) | 1 | — | 2, key withdrawal in LH position | 10 | XB7NG21 | 0.050/0.110 |
| | | 2 | — | 3, key withdrawal in centre position | 10 | XB7NG33 | 0.050/0.110 |

(1) For Faston connection version (1 x 6.35 mm/0.04 x 0.24 in. and 2 x 2.8 mm/0.08 x 0.11 in.), add the number "3" to the end of the reference.

(2) The symbol "⏏" indicates key withdrawal position.



XB7ND21



XB7NG33

Control stations and enclosures

Plastic control stations XALE

For Harmony XB7 control and signaling units Ø 22

Pushbuttons, switches and pilot lights

Ø 40 mm Emergency stop trigger action and mechanically latching mushroom head pushbuttons

PF100411



XB7NS8445

| Shape of head | Type of push | Standards | Type of contact | | Color of push | Sold in lots of | Unit reference | Weight kg/lb |
|---|-----------------------|---|-----------------|----|---------------|-----------------|----------------|--------------|
| | | | NO | NC | | | | |
|  | Turn to release | EN/IEC 60204-1, EN/ISO 13850, EN/IEC 60947-5-5, Machinery directive 2006/42/EC and UL | – | 1 | Red | 10 | XB7NS8442 | 0.045/0.099 |
| | | | 1 | 1 | Red | 10 | XB7NS8445 | 0.045/0.099 |
| | | | – | 2 | Red | 10 | XB7NS8444 | 0.045/0.099 |
|  | Push-pull | EN/IEC 60204-1, EN/ISO 13850, EN/IEC 60947-5-5, Machinery directive 2006/42/EC and UL | – | 1 | Red | 10 | XB7NT842 | 0.040/0.088 |
| | | | 1 | 1 | Red | 10 | XB7NT845 | 0.040/0.088 |
| | | | – | 2 | Red | 10 | XB7NT844 | 0.040/0.088 |
|  | Key release (no. 455) | EN/IEC 60204-1, EN/ISO 13850, EN/IEC 60947-5-5, Machinery directive 2006/42/EC and UL | – | 2 | Red | 10 | XB7NS9444 | 0.072/0.159 |
| | | | – | 1 | Red | 10 | XB7NS9445 | 0.072/0.159 |

Ø 40 mm Emergency switching off mechanically latching mushroom head pushbuttons

PF100428



XB7NS9445

| Shape of head | Type of push | Standards | Type of contact | | Color of push | Sold in lots of | Unit reference | Weight kg/lb |
|---|-----------------------|---|-----------------|----|---------------|-----------------|----------------|--------------|
| | | | NO | NC | | | | |
|  | Turn to release | EN/IEC 60204-1, EN/ISO 13850, EN/IEC 60947-5-5, Machinery directive 2006/42/EC and UL | – | 1 | Red | 10 | XB7ES542P | 0.032/0.070 |
| | | | 1 | 1 | Red | 10 | XB7ES545P | 0.035/0.077 |
|  | Key release (no. 455) | EN/IEC 60204-1, EN/ISO 13850, EN/IEC 60947-5-5, Machinery directive 2006/42/EC and UL | 1 | 1 | Red | 10 | XB7ES145P | 0.058/0.128 |

Plastic control stations XALE

For Harmony XB7 control and signaling units Ø 22

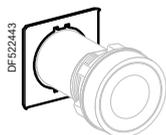
Pushbuttons, switches and pilot lights and accessories



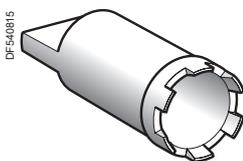
ZBY2101



ZB5AZ901



ZB5AZ902



ZB5AZ905



DL1CE●●●



DL1CS●●●●

Legend holder, 30 x 40 mm/1.18 x 1.57 in. with legend (black or red background)**With blank legend**

| Text | Sold in lots of | Unit reference | Weight kg/lb |
|---------|-----------------|----------------|--------------|
| Without | 10 | ZBY2101 | 0.001/0.002 |

With marked legend (sold singly)

- Start functions: white characters on black background.
- Stop functions: white characters on red background.

| Text | Unit reference | Weight kg/lb | Text | Unit reference | Weight kg/lb |
|----------|----------------|--------------|-------|----------------|--------------|
| Down | ZBY2308 | 0.001/0.002 | Right | ZBY2309 | 0.001/0.002 |
| Forward | ZBY2305 | 0.001/0.002 | Start | ZBY2303 | 0.001/0.002 |
| Hand | ZBY2316 | 0.001/0.002 | Stop | ZBY2304 | 0.001/0.002 |
| Off | ZBY2312 | 0.001/0.002 | Up | ZBY2307 | 0.001/0.002 |
| On | ZBY2311 | 0.001/0.002 | O | ZBY2146 | 0.001/0.002 |
| Power on | ZBY2326 | 0.001/0.002 | I | ZBY2147 | 0.001/0.002 |
| Reset | ZBY2323 | 0.001/0.002 | O-I | ZBY2178 | 0.001/0.002 |
| Reverse | ZBY2306 | 0.001/0.002 | | | |

Circular legends for Emergency stop mushroom head pushbuttons

| Diameter mm/in. | Color | Marking on yellow background | Unit reference | Weight kg/lb |
|-----------------|--------|------------------------------|----------------|--------------|
| 60/2.36 | Yellow | – | ZBY9101 | 0.004/0.009 |

Accessories

| Description | Color | Sold in lots of | Unit reference | Weight kg/lb |
|----------------------------|-------|-----------------|----------------|--------------|
| Fixing nut | – | 10 | ZB5AZ901 | 0.002/0.004 |
| Anti-rotation plate | – | 10 | ZB5AZ902 | 0.008/0.018 |
| Fixing nut tightening tool | – | 1 | ZB5AZ905 | 0.016/0.035 |

Bulbs

| Description | Voltage V | Power W | Color | Sold in lots of | Unit reference | Weight kg/lb |
|---|-----------|---------|------------|-----------------|----------------|--------------|
| Incandescent bulbs, long life BA 9s base fitting Ø 11 mm/Ø 0.43 in. max. length 28 mm/1.10 in. max. | 6 | 1.2 | – | 10 | DL1CB006 | 0.002/0.004 |
| | 24 | 2.0 | – | 10 | DL1CE024 | 0.002/0.004 |
| | 130 | 2.6 | – | 10 | DL1CE130 | 0.002/0.004 |
| Neon bulbs BA 9s base fitting Ø 11 mm/Ø 0.43 in. max. length 28 mm/1.10 in. max. | 220...240 | – | Orange (1) | 10 | DL1CS7220 | 0.002/0.004 |

(1) For use with red, yellow or clear pilot light.

| | | | |
|-----------|----|------------|----|
| D | | | |
| DL1CB006 | 15 | XB7EV03BP | 13 |
| DL1CE024 | 15 | XB7EV03GP | 13 |
| DL1CE130 | 15 | XB7EV03MP | 13 |
| DL1CS7220 | 15 | XB7EV04BP | 13 |
| | | XB7EV04GP | 13 |
| | | XB7EV04MP | 13 |
| | | XB7EV05BP | 13 |
| | | XB7EV05GP | 13 |
| | | XB7EV05MP | 13 |
| | | XB7EV06BP | 13 |
| | | XB7EV06GP | 13 |
| | | XB7EV06MP | 13 |
| | | XB7EV07BP | 13 |
| | | XB7EV07GP | 13 |
| | | XB7EV07MP | 13 |
| | | XB7EV08BP | 13 |
| | | XB7EV08GP | 13 |
| | | XB7EV08MP | 13 |
| | | XB7NA3131 | 11 |
| | | XB7NA3133 | 11 |
| | | XB7NA4234 | 11 |
| | | XB7NA4534 | 11 |
| | | XB7NJ0361 | 12 |
| | | XB7NJ03B1 | 12 |
| | | XB7NJ03M1 | 12 |
| | | XB7NJ04B1 | 12 |
| | | XB7NJ04M1 | 12 |
| | | XB7NL4532 | 11 |
| | | XB7NS8442 | 14 |
| | | XB7NS8444 | 14 |
| | | XB7NS8445 | 14 |
| | | XB7NS9444 | 14 |
| | | XB7NS9445 | 14 |
| | | XB7NW3361 | 12 |
| | | XB7NW33B1 | 12 |
| | | XB7NW33M1 | 12 |
| | | XB7NW34B1 | 12 |
| | | XB7NW34B2 | 12 |
| | | XB7NW34M1 | 12 |
| | | XB7NW35B1 | 12 |
| | | XB7NW36B1 | 12 |
| | | XB7NW37B1 | 12 |
| | | XB7NW38B1 | 12 |
| | | XB7NW34M2 | 12 |
| | | XB7NA11341 | 11 |
| | | XB7NA15341 | 11 |
| | | XB7NA21341 | 11 |
| | | XB7NA21343 | 11 |
| | | | |
| | | Z | |
| | | ZBY2146 | 15 |
| | | ZBY2147 | 15 |
| | | ZBY2178 | 15 |
| | | ZBY2303 | 15 |
| | | ZBY2304 | 15 |
| | | ZBY2305 | 15 |
| | | ZBY2306 | 15 |
| | | ZBY2307 | 15 |
| | | ZBY2308 | 15 |
| | | ZBY2309 | 15 |
| | | ZBY2311 | 15 |
| | | ZBY2316 | 15 |
| | | ZBY2323 | 15 |
| | | ZBY2326 | 15 |
| | | ZBY9101 | 15 |
| | | ZBY2101 | 15 |
| | | ZBY2312 | 15 |

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